# Exhibit Design Checklist



Last modified on Feb. 3, 2020

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## Getting SOS: Exhibit Design Checklist

There is much to consider when preparing for a SOS installation. Use this checklist as a tool to make sure that nothing is left out. For any questions, contact sos.support@noaa.gov.

| Exhibit Layout Specification | Suggested Measurement | Site Measurement |
|---|---|---|
| Exhibit Footprint | 25.5' to 28.5' square (for 68" sphere) | |
| Ceiling Height | > 12' | |
| Projector Lens to Center of Sphere | 16' to 18' (projector dependent) | |
| Projector Positioning | 90° apart | |
| Railing Diameter | 12' to 14' | |
| Railing Height | 3' | |
| Cat 6a cables for extenders | < 200' | |
| Eyebolts in Ceiling | Sphere Mounting | |
| **Equipment Specification** | **Suggested** | **Purchased** |
| Sphere (lead time up to 8 weeks) | Contact Us | |
| Projectors | Site Specific | |
| Projector Mounting Style | Ceiling/Floor/Wall Mounted | |
| Projector Mounts | RPA Chief Custom Mounts | |
| Computers | Dell Workstation | |
| Video Cards | NVIDIA | |
| Extenders (with Cat 6a cables) | DVI or HDMI | |
| Adapters for Video Cards | Extender dependent - read carefully! | |
| Ethernet Cables for Projector Control | Cat 5e | |
| Audio System | Reference system | |
| iPad and Router | iPad Mini and Case | |
| **Things to Consider** | **Suggested** | **Notes** |
| Projectors draw ~5 amps each | Use UPS for each projector | |
| Computer draw ~3 amps each | Use UPS for each computer | |
| Computer location | Well ventilated, close to sphere | |
| Computer storage | Should be lockable, out of sight | |

| Internet line | 25 Mbps with static IP | |
| Exhibit Lighting | Dim; no direct light or sunlight | |
| **Optional Additions** | **Suggested** | **Notes** |
| Kiosk | SOS Public Kiosk | |
| PowerPoint Sidewall Display | CU PowerPoint SOS Software | |